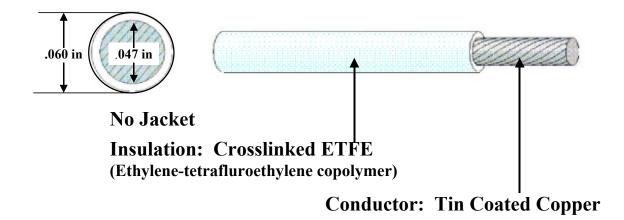
Annex B Description of Wire Types

This annex provides a description of each of the wire types used to fabricate new wire harnesses. Insulation materials, conductor type, and drawings illustrating the wire construction are provided.

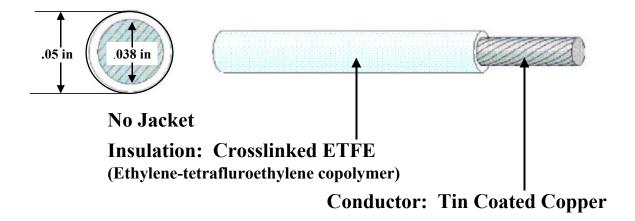
		<u>.</u>			
Mil Spec#	AWG	Ja cket	Additional Layer	Insulation	Conductor
M22759/32-18-9	18	No Jacket	na	Crosslinked ETFE (Ethylene- tetrafluoethylene copolymer)	Tin Coated Copper
M22759/32-20-7	20	No Jacket	na	Crosslinked ETFE (Ethylene- tetrafluoethylene copolymer)	Tin Coated Copper
M22759/32-22-9	22	No Jacket	na	Crosslinked ETFE (Ethylene- tetrafluoethylene copolymer)	Tin Coated Copper
M5086/1-18-9	18	Clear Nylon	na	Polyviny Chloride	Tin Coated Copper
M5086/1-20-9	20	Clear Nylon	na	Polyvinyl chloride	Tin Coated Copper
M5086/1-22-9	22	Clear Nylon	na	Polyvinyl chloride	Tin Coated Copper
M5086/2-18-9	18	Clear Nylon	Glass Fiber Braid with Finisher	Polyvinyl chloride	Tin Coated Copper
M81044/9-20-9	20	Polyalkene-Crosslinked PVDF (Polyvinylidene Flouride)	na	Crosslinked Polyalkene	Tin Coated Copper
M81044/9-22-9	22	Polyalkene-Crosslinked PVDF (Polyvinylidene Flouride)	na	Crosslinked Polyalkene	Tin Coated Copper
M81381/7-20-9	20	Modified Aromatic Polymide Resin Coating	Flourocarbon Polymide Tape	Flourocarbon Polymide Tape	Silver Coated Copper
M81381/7-22-8	22	Modified Aromatic Polymide Resin Coating	Flourocarbon Polymide Tape	Flourocarbon Polymide Tape	Silver Coated Copper

			Wire Sp	ecificati	ons (2	of 2)	
Mil Spec #	Diameter		Finished Wire Diameter (Inches)	Weight (lbs/1000 ft) (max)	Voltage Rating	Temp Rating	Comments
M22759/32-18-9	.046	049	0.06 ±.002	6.5	600 V	150° C	flame retardent, self extinguishir notch and arasion
M22759/32-20-7	.037	.039	0.05 ±.002	4.3	600 V	150° C	flame retardent, self extinguishin notch and arasion
M22759/32-22-9	.029	.031	0.043 ±.002	2.8	600 V	150° C	flame retardent, self extinguishir notch and arasion
M5086/1-18-9	.046	.051	0.088 ±.004	8.6	600 V	105° C	resistant to water, aircraft fuels,a hydraulic fluid
M5086/1-20-9	.037	.041	0.078 ±.004	6.3	600 V	105° C	resistant to water, aircraft fuels,a hydraulic fluid
M5086/1-22-9	.029	.033	0.068 ±.004	4.4	600 V	105° C	resistant to water, aircraft fuels,a hydraulic fluid
M5086/2-18-9	.046	.051	0.095 ±.005	9.5	600 V	105° C	resistant to water, aircraft fuels,a hydraulic fluid
M81044/9-20-9	.037	.041	0.07 ±.003	5.5	600 V	150° C	flame retardent, self extinguishir notch and arasion
M81044/9-22-9	.029	.033	0.062 ±.003	3.9	600 V	150° C	flame retardent, self extinguishin notch and arasion
M81381/7-20-9 M81381/7-22-8	.037 .029	.038 .030	0.050 ±.001 0.0425 ±.001	4.3 5 2.8	600 V 600 V	200° C 200° C	flame retardent, flame retardent,

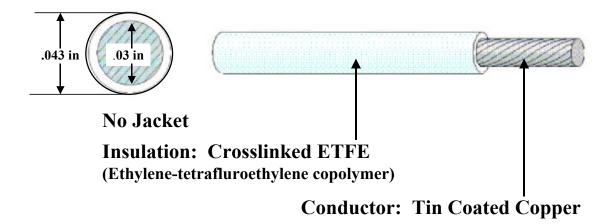


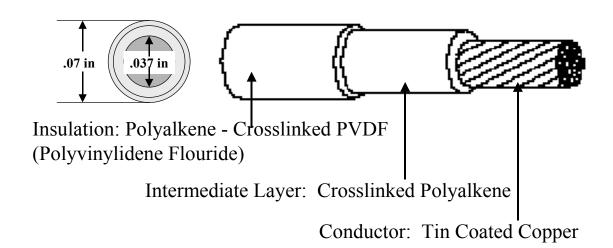




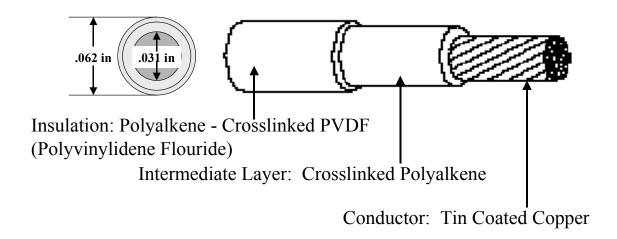




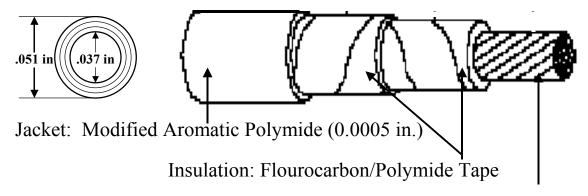












Conductor: Silver Coated Copper



